Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 30 Dec 2020 until 23:59 on Thursday 31 Dec 2020

Forecast Issued on Tuesday 29 Dec 2020 at 16:35

Confidence: High for generally cold northerly airstream continuing into the New Year but lower with regard to details regarding showers and any longer spells of snow, especially on Thursday.

Headline for Wednesday 30 Dec 2020: Dry with clear or sunny spells. Cold despite mainly light winds.

Mountain weather hazards on Wednesday 30 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	<05%	10%	20%	10%	10%	10%

Forecast for Wednesday 30 Dec 2020

Weather: Dry overnight with a widespread frost and perhaps some low level mist or fog patches. Fog is likely to be slow to clear from eastern valleys, otherwise a bright day with some sunny spells, although western hills likely to be cloudier with perhaps a few light snow showers. Mainly dry through the evening with clear spells and low level mist and fog reforming.

Chance of cloud free mountain/hill tops above 600m: Around 40% in the west with occasional or periods of cloud above about 600m but close to 100% in the east with little or no cloud expected below the summits.

Visibility: Very good with some decent panoramic views of surrounding hills, but a kilometre or less in any low level mist and fog, and just a few kilometres in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 30 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 W	10/15 W	11/16 W	11/16 W	12/16 W	10/13 W	8/11 W	9/12 W	9/14 W
300	7/10 SW	6/10 SW	7/11 SW	7/11 SW	8/12 W	6/9 W	5/7 W	6/9 W	6/9 W
Valley	2/7 S	2/6 S	2/7 S	2/8 SW	3/8 W	3/6 W	2/6 W	2/6 W	2/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-7	-3/-8	-3/-8	-2/-7	-2/-7	-3/-8	-4/-9	-4/-9
300	-1/-4	-1/-4	-1/-5	-1/-5	0/-3	0/-3	-1/-3	-1/-5	-2/-5
Valley	-2/-4	-2/-4	-1/-3	-1/-3	0/-2	1/-1	-1/-2	-1/-3	-2/-4
Freezing Level*	100m	100m	100m	100m	300m	300m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant chill at all levels throughout.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 29 Dec 2020	0.2mm	0.4mm	26mm

Forecast for Thursday 31 Dec 2020

Weather: Clear spells and low level mist and fog through the early hours but cloud increasing from the north towards dawn. A little early brightness but generally a cloudy day with showers or longer outbreaks of snow, the snow turning increasingly to rain below about 450m in the afternoon before clearing from the north towards dusk. Remaining rather cloudy through the evening with the odd light sleet or snow shower.

Maximum wind: Northwesterly turning northerly around 10mph.

Chance of cloud free mountain/hill tops above 600m: Around 40% at first with occasional or periods above 600m soon becoming close to zero with cloud becoming periods or persistent above 450m and patches below.

Visibility: Good or very good falling to a few kilometres in snow and snow showers and less than a kilometre in any heavier snow and early low level mist and fog.

Temperature: **Valleys:** Around minus 3 or 4 Celsius overnight rising to plus 2 or 3 Celsius by day
At 600m: Around minus 4 Celsius rising to zero Celsius during the afternoon
Freezing level: Gradually rising to 600m by mid-afternoon

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